

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ASTRX-010A	SERIAL NO. 09/776,523
		APPLICANT Brad Freeman	
		FILING DATE February 2, 2001	GROUP

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	2	6	7	9	4	6	12/07/1993	Singer et al.				
	5	5	4	7	4	6	4	08/20/1996	Luttrell et al.				
	5	5	7	1	2	0	6	11/05/1996	Varn				
COPY OF PAPERS ORIGINALLY FILED													

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER	<i>H. J. Freeman</i>	DATE CONSIDERED	8/11/03
----------	----------------------	-----------------	---------

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949) 855-1246

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY. DOCKET NO. ASTRX-0010A

SERIAL NO. 09/776,523

APPLICANT BRAD FREEMAN, et al.

FILING DATE 2-2-01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HP	D 2 6 9 3 7 9	06/1983	Bledsoe			
HP	D 2 8 4 7 0 2	07/1986	Castillo			
HP	D 2 9 8 5 6 8	11/1988	Womack			
HP	D 3 1 8 7 3 6	07/1991	Castillo			
HP	D 3 4 6 0 2 8	04/1994	Lengyel			
HP	D 3 5 7 0 7 0	04/1995	Castillo			
HP	1 3 9 0 9 1 5	09/1921	Loth			
HP	2 5 3 1 4 8 6	11/1947	Weber			
HP	2 8 8 3 9 8 2	04/1959	Rainey			
HP	3 0 3 0 6 3 4	04/1962	Bair			
HP	3 0 9 9 4 4 8	07/1963	Salvo et al.			
HP	3 3 8 7 3 0 5	06/1968	Shafer			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HP	2 9 7 7 6 6 A	04/1989	European Pat. Off.				
HP	1 4 9 1 5 6 9	07/1969	Germany				X
HP	2 4 3 2 7 6 6	03/1975	Germany				X
HP	8 4 0 4 2 4 0	11/1984	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

lipkard

DATE CONSIDERED

8/18/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949) 855-1246

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ASTRX-0010A

SERIAL NO. 09/776,523

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT Brad Freeman, et al.

(37 DFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 2-2-01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>WJ</i>	3	6	6	9	1	0	5	06/1972	Castiglia			
<i>WJ</i>	3	7	7	9	6	5	4	12/1973	Horne			
<i>WJ</i>	3	7	8	5	3	7	2	01/1974	Craig			
<i>WJ</i>	3	8	1	7	2	4	4	06/1974	Taylor			
<i>WJ</i>	3	9	0	0	8	9	8	08/1975	Kerman			
<i>WJ</i>	3	9	0	2	4	8	2	09/1975	Taylor			
<i>WJ</i>	3	9	2	8	8	7	2	12/1975	Johnson			
<i>WJ</i>	3	9	5	8	5	6	9	05/1976	Vosburgh			
<i>WJ</i>	4	1	3	6	4	0	4	01/1979	Lange			
<i>WJ</i>	4	1	6	9	4	6	7	10/1979	Rabischong et al.			
<i>WJ</i>	4	2	4	1	7	3	0	12/1980	Helfet			
<i>WJ</i>	4	2	7	1	8	3	1	06/1981	Deibert			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949) 855-1246

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ASTRX-0010A

SERIAL NO. 09/776,523

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT BRAD FREEMAN, ET AL.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 2-2-01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
UK	4	3	6	1	1	4	2		11/30/82	Lewis et al.			
UK	4	3	7	2	2	9	8		02/08/83	Lerman			
UK	4	3	8	1	7	6	8		05/03/83	Ericksen, et al.			
UK	4	4	0	7	2	7	6		10/04/83	Bledsoe			
UK	4	4	2	8	3	6	9		01/31/84	Peckham et al.			
UK	4	4	8	7	2	0	0		12/11/84	Feanny et al.			
UK	4	4	8	9	7	1	8		12/15/84	Martin			
UK	4	4	9	3	3	1	6		01/15/85	Reed, et al.			
UK	4	4	9	4	5	3	4		01/22/85	Hutson			
UK	4	5	0	3	8	4	6		03/12/85	Martin			
UK	4	5	2	3	5	8	5		06/18/85	Lamb et al.			
UK	4	5	5	4	9	1	3		11/26/85	Womack et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER								PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

DATE CONSIDERED

8/11/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949) 855-1246

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ASTRX-0010A

SERIAL NO. 09/776,523

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT BRAD FREEMAN, ET AL.

(37 DFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 2-2-01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	5	5	9	9	9	8	07/15/88	Castillo			
	4	6	0	3	6	9	0	08/05/86	Skeen			
	4	6	1	4	1	8	1	09/30/86	Karlsson			
	4	6	2	0	5	3	2	11/04/86	Houswerth			
	4	6	2	1	6	2	4	11/11/86	Rayboy			
	4	6	2	8	9	1	6	12/16/86	Lerman et al.			
	4	6	6	5	9	0	5	05/19/87	Brown			
	4	6	8	1	0	9	7	07/21/87	Pansier			
	4	6	9	7	5	8	3	10/06/87	Mason et al.			
	4	6	9	9	1	2	9	10/13/87	Aaserude et al.			
	4	7	1	5	3	6	3	12/29/87	Detty			
	4	7	2	3	5	3	9	02/09/88	Townsend			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
											YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

Kit M. Stetina

DATE CONSIDERED

8/11/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
 STETINA BRUNDA GARRED & BRUCKER
 75 Enterprise, Suite 250
 Aliso Viejo, CA 92656
 (949) 855-1246

FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. ASTRX-0010A

SERIAL NO. 09/776,523

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT BRAD FREEMAN, ET AL.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE 2-2-01

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	7	5	3	2	4	0		12/20/88	Sparks			
	4	7	9	1	9	1	6		12/20/88	Paez			
	4	8	0	3	9	7	5		02/14/89	Meyers			
	4	8	5	4	3	0	8		08/08/89	Drillio			
	4	8	5	6	5	0	1		08/15/89	Castillo et al.			
	4	8	8	6	0	5	4		12/12/89	Castillo et al.			
	4	9	3	8	2	0	7		07/03/90	Vargo			
	4	9	4	0	0	4	4		07/10/90	Castillo			
	4	9	6	4	4	0	2		Grim et al.	10/23/90			
	4	9	8	6	2	6	4		01/22/91	Miller			
	5	0	6	3	9	1	6		11/12/91	France et al.			
	5	1	2	1	7	4	2		06/16/92	Engen			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER								PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

EXAMINER

W. H. H. H.

DATE CONSIDERED

8/11/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina
 STETINA BRUNDA GARRED & BRUCKER
 75 Enterprise, Suite 250
 Aliso Viejo, CA 92656
 (949) 855-1246

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JCS" is at the top right, and "PATENT & TRADEMARK OFFICE" is at the bottom. The date "MAY 08 2001" is stamped in the center.[illegible][illegible][illegible]

U. Meind

8/11/03

Atty: Kit M. Stetina
STETINA BRUNDA GARRED & BRUCKER
75 Enterprise, Suite 250
Aliso Viejo, CA 92656
(949) 855-1246